

## Abstract

The invention relates to a method for filling a container with gas, gas being inserted into the container under compression. In order to be able to fill the container with a larger amount of gas than before and to reduce gas pressure peaks during filling, it is proposed according to the invention that electrically conducting stretched material is inserted into the container before it is filled with gas. Furthermore, the invention relates to a gas container (1), in particular a high-pressure gas cylinder, for storing gases under pressures exceeding 50 bar, in particular exceeding 200 bar, which contains electrically conducting stretched material (11). With gas containers (1) according to the invention, a higher filling level is achieved than before with a given pressure. Containers with a small wall thickness can be used without a safety risk because of a reduction of gas pressure peaks in the interior of containers.